

WHAT IS CLAIMED IS:

1. A server which can communicate with a client and a device, comprising:

retrieval means for retrieving the device by
5 comparing information obtained by combining device
information of said device and ability information of a
device driver for said device which is executed by said
client with a retrieval condition which is received
from said client and used for selecting said device;
10 and

notifying means for notifying said client of a
retrieval result of said retrieval means.

2. A server according to claim 1, further
15 comprising:

receiving means for receiving the information
obtained by combining the device information of said
device and the ability information of the device driver
for said device which is executed by said client from
20 said device; and

registering means for registering the information
received by said receiving means into a storage.

3. A server according to claim 1, further
25 comprising:

receiving means for receiving the device
information of said device from said device;

first registering means for registering the device information received by said receiving means into a first storage; and

5 second registering means for registering the ability information of said device driver into a second storage.

10 4. A server according to claim 3, wherein the device information stored in said first storage and the ability information stored in said second storage are combined.

15 5. A server according to claim 1, further comprising:
15 registering means for registering the information obtained by combining the device information of said device and the ability information of the device driver for said device which is executed by said client into a storage.

20 6. A server according to claim 1, wherein
said retrieval condition includes a plurality of conditions,
25 said retrieval means compares the information obtained by combining the device information of said device and the ability information of the device driver for said device which is executed by said client with

each of said conditions, and

said notifying means notifies said client of an adaptivity based on the number of adapted conditions among said plurality of conditions included in said retrieval condition.

7. A server according to claim 1, wherein said device information is information regarding one of a duplex print, an N-up print, a jobcopy, a pagecopy, an OHP insertion print, a resolution, the number of print pages, a paper size, and a status of said device.

8. A server according to claim 1, wherein the comparison by said retrieval means is executed with respect to a plurality of devices.

9. A client which can communicate with a server, comprising:

transmitting means for transmitting a retrieval condition for selecting a device to said server;

receiving means for receiving, from said server, a retrieval result obtained by retrieving the device by comparing information obtained by combining device information of said device and ability information of a device driver for said device which is executed by said client with a retrieval condition which is received from said client and used for selecting said device; and

display control means for allowing a comparison result received by said receiving means to be displayed by a display.

5 10. A client according to claim 9, further comprising input means for inputting a retrieval item and a value which is designated by said retrieval item.

10 11. A client according to claim 9, wherein said input means can input a plurality of retrieval items.

15 12. A client according to claim 9, wherein said receiving means receives an adaptivity based on the number of adapted conditions among a plurality of conditions included in said retrieval condition, and said display control means allows said adaptivity to be displayed by said display.

20 13. A client according to claim 10, wherein said retrieval item relates to one of a duplex print, an N-up print, a jobcopy, a pagecopy, an OHP insertion print, a resolution, the number of print pages, and a paper size.

25 14. A device which can communicate with a server for transmitting a retrieval result to a client with respect to a retrieval condition which is sent from

said client and used for selecting said device,
comprising:

transmitting means for transmitting information
obtained by combining device information of said device
5 and ability information of a device driver for said
device which is executed by said client to said device.

15. A device according to claim 14, further
comprising:

10 first storing means for storing the device
information of said device;

second storing means for storing the ability
information of said device driver; and

15 combining means for combining the device
information stored in said first storing means and the
ability information stored in said second storing
means.

16. A device according to claim 14, further
20 comprising inquiring means for inquiring of an external
apparatus about the ability information of said device
driver.

17. A device according to claim 14, wherein said
25 device information is information regarding one of a
duplex print, an N-up print, a jobcopy, a pagecopy, an
OHP insertion print, a resolution, the number of print

pages, a paper size, and a status of said device.

18. A device according to claim 14, wherein said
device is one of a printer, a copy machine, a hybrid
5 machine, and a scanner.

19. A print system constructed by a device, a
client, and a server, comprising:

10 first transfer means for transferring information
obtained by combining device information of said device
and ability information of a device driver for said
device which is executed by said client to said server
from said device;

15 second transfer means for transferring a retrieval
condition for selecting said device to said server from
said client;

20 retrieval means for retrieving the device by
comparing the information obtained by combining the
device information of said device and the ability
information of the device driver for said device which
is executed by said client with the retrieval condition
which is received from said client and used for
selecting said device; and

25 third transfer means for transferring a retrieval
result by said retrieval means to said client from said
server.

20. A print system constructed by a device, a client, and a server, comprising:

first transfer means for transferring device
information of said device to said server from said
5 device;

second transfer means for transferring a retrieval
condition for selecting said device to said server from
said client;

retrieval means for retrieving the device by
10 comparing information obtained by combining the device
information which is transferred by said first transfer
means and ability information of a device driver for
said device which is executed by said client with the
retrieval condition which is received from said client
15 and used for selecting said device; and

third transfer means for transferring a retrieval
result by said retrieval means to said client from said
server.

20 21. An information processing method which is
executed by a server which can communicate with a
client and a device, comprising:

a retrieval step of retrieving the device by
comparing information obtained by combining device
25 information of said device and ability information of a
device driver for said device which is executed by said
client with a retrieval condition which is received

from said client and used for selecting said device;
and

a notifying step of notifying said client of a
retrieval result by said retrieval step.

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22. A method according to claim 21, further
comprising:

10 a receiving step of receiving, from said device,
the information obtained by combining the device
information of said device and the ability information
of the device driver for said device which is executed
by said client; and

15 a registering step of registering the information
received by said receiving step into a storage.

23. A method according to claim 21, further
comprising:

20 a receiving step of receiving the device
information of said device from said device;
a first registering step of registering the device
information received by said receiving step into a
first storage; and

25 a second registering step of registering the
ability information of said device driver into a second
storage.

24. A method according to claim 23, wherein the

device information stored in said first storage and the ability information stored in said second storage are combined.

5 25. A method according to claim 21, further comprising a registering step of registering the information obtained by combining the device
10 information of said device and the ability information of the device driver for said device which is executed by said client into a storage.

 26. A method according to claim 21, wherein
 said retrieval condition includes a plurality of conditions,

15 in said retrieval step, the information obtained by combining the device information of said device and the ability information of the device driver for said device which is executed by said client is compared with each of said conditions, and

20 in said notifying step, said client is notified of an adaptivity based on the number of adapted conditions among said plurality of conditions included in said retrieval condition.

25 27. A method according to claim 21, wherein said device information is information regarding one of a duplex print, an N-up print, a jobcopy, a pagecopy, an

OHP insertion print, a resolution, the number of print pages, a paper size, and a status of said device.

28. A method according to claim 21, wherein the
5 comparison by said retrieval step is executed with respect to a plurality of devices.

29. An information processing method which is
executed by a client which can communicate with a
10 server, comprising:

a transmitting step of transmitting a retrieval condition for selecting a device to said server;

a receiving step of receiving, from said server, a
retrieval result obtained by retrieving the device by
15 comparing information obtained by combining device information of said device and ability information of a device driver for said device which is executed by said client with the retrieval condition which is received from said client and used for selecting said device;
20 and

a display control step of allowing a comparison result received by said receiving step to be displayed by a display.

25 30. A method according to claim 29, further comprising an input step of inputting a retrieval item and a value which is designated by said retrieval item.

31. A method according to claim 29, wherein in said input step, a plurality of retrieval items can be inputted.

5 32. A method according to claim 29, wherein
in said receiving step, an adaptivity based on the number of adapted conditions among a plurality of conditions included in said retrieval condition is received, and

10 in said display control step, said adaptivity is displayed by said display.

33. A method according to claim 30, wherein said retrieval item relates to one of a duplex print, an N-up print, a jobcopy, a pagecopy, an OHP insertion
15 print, a resolution, the number of print pages, and a paper size.

34. An information processing method which is
20 executed by a device which can communicate with a server for transmitting a retrieval result to a client with respect to a retrieval condition which is sent from said client and used for selecting said device, comprising:

25 a transmitting step of transmitting information obtained by combining device information of said device and ability information of a device driver for said

device which is executed by said client to said device.

35. A method according to claim 34, further comprising

5 a combining step of combining said device information stored in a first storage and said ability information stored in a second storage.

10 36. A method according to claim 34, further comprising an inquiring step of inquiring of an external apparatus about the ability information of said device driver.

15 37. A method according to claim 34, wherein said device information is information regarding one of a duplex print, an N-up print, a jobcopy, a pagecopy, an OHP insertion print, a resolution, the number of print pages, a paper size, and a status of said device.

20 38. A method according to claim 34, wherein said device is one of a printer, a copy machine, a hybrid machine, and a scanner.

25 39. An information processing method which is executed by a print system constructed by a device, a client, and a server, comprising:

a first transfer step of transferring information

obtained by combining device information of said device and ability information of a device driver for said device which is executed by said client to said server from said device;

5 a second transfer step of transferring a retrieval condition for selecting said device to said server from said client;

10 a retrieval step of retrieving the device by comparing the information obtained by combining the device information of said device and the ability information of the device driver for said device which is executed by said client with the retrieval condition which is received from said client and used for selecting said device; and

15 a third transfer step of transferring a retrieval result by said retrieval step to said client from said server.

20 40. An information processing method which is executed by a print system constructed by a device, a client, and a server, comprising:

 a first transfer step of transferring device information of said device to said server from said device;

25 a second transfer step of transferring a retrieval condition for selecting said device to said server from said client;

a retrieval step of retrieving the device by
comparing information obtained by combining the device
information which is transferred by said first transfer
step and ability information of a device driver for
5 said device which is executed by said client with the
retrieval condition which is received from said client
and used for selecting said device; and

10 a third transfer step of transferring a retrieval
result by said retrieval step to said client from said
server.

41. An information processing program which is
executed by a server which can communicate with a
client and a device, wherein said program allows a
15 computer to execute:

a retrieval step of retrieving the device by
comparing information obtained by combining device
information of said device and ability information of a
device driver for said device which is executed by said
20 client with a retrieval condition which is received
from said client and used for selecting said device;
and

a notifying step of notifying said client of a
retrieval result by said retrieval step.

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42. A program according to claim 41, wherein said
program allows the computer to execute:

a receiving step of receiving, from said device,
the information obtained by combining the device
information of said device and the ability information
of the device driver for said device which is executed
5 by said client; and

a registering step of registering the information
received by said receiving step into a storage.

43. A program according to claim 41, wherein said
10 program allows the computer to execute:

a receiving step of receiving the device
information of said device from said device;

a first registering step of registering the device
information received by said receiving step into a
15 first storage; and

a second registering step of registering the
ability information of said device driver into a second
storage.

44. A program according to claim 43, wherein the
20 device information stored in said first storage and the
ability information stored in said second storage are
combined.

45. A program according to claim 41, wherein said
25 program allows the computer to execute a registering
step of registering the information obtained by

combining the device information of said device and the ability information of the device driver for said device which is executed by said client into a storage.

5 46. A program according to claim 41, wherein
 said retrieval condition includes a plurality of conditions,

 in said retrieval step, the information obtained
 by combining the device information of said device and
10 the ability information of the device driver for said
 device which is executed by said client is compared
 with each of said conditions, and

 in said notifying step, said client is notified of
 an adaptivity based on the number of adapted conditions
15 among said plurality of conditions included in said
 retrieval condition.

 47. A program according to claim 41, wherein said
 device information is information regarding one of a
20 duplex print, an N-up print, a jobcopy, a pagecopy, an
 OHP insertion print, a resolution, the number of print
 pages, a paper size, and a status of said device.

 48. A program according to claim 41, wherein the
25 comparison by said retrieval step is executed with
 respect to a plurality of devices.

49. An information processing program which is executed by a client which can communicate with a server, wherein said program allows a computer to execute:

5 a transmitting step of transmitting a retrieval condition for selecting a device to said server;

 a receiving step of receiving, from said server, a retrieval result obtained by retrieving the device by comparing information obtained by combining device
10 information of said device and ability information of a device driver for said device which is executed by said client with the retrieval condition which is received from said client and used for selecting said device;
and

15 a display control step of allowing a comparison result received by said receiving step to be displayed by a display.

50. A program according to claim 49, wherein said
20 program allows the computer to execute an input step of inputting a retrieval item and a value which is designated by said retrieval item.

51. A program according to claim 49, wherein in
25 said input step, a plurality of retrieval items can be inputted.

52. A program according to claim 49, wherein
in said receiving step, an adaptivity based on the
number of adapted conditions among a plurality of
conditions included in said retrieval condition is
5 received, and

in said display control step, said adaptivity is
displayed by said display.

53. A program according to claim 50, wherein said
10 retrieval item relates to one of a duplex print, an N-
up print, a jobcopy, a pagecopy, an OHP insertion
print, a resolution, the number of print pages, and a
paper size.

54. An information processing program which is
15 executed by a device which can communicate with a
server for transmitting a retrieval result to a client
with respect to a retrieval condition which is sent
from said client and used for selecting said device,
20 wherein said program allows a computer to execute:

a transmitting step of transmitting information
obtained by combining device information of said device
and ability information of a device driver for said
device which is executed by said client to said device.

25

55. A program according to claim 54, wherein said
program allows the computer to execute

a combining step of combining said device information stored in a first storage and said ability information stored in a second storage.

5 56. A program according to claim 54, wherein said program allows the computer to execute an inquiring step of inquiring of an external apparatus about the ability information of said device driver.

10 57. A program according to claim 54, wherein said device information is information regarding one of a duplex print, an N-up print, a jobcopy, a pagecopy, an OHP insertion print, a resolution, the number of print pages, a paper size, and a status of said device.

15 58. A program according to claim 54, wherein said device is one of a printer, a copy machine, a hybrid machine, and a scanner.

20 59. An information processing program which is executed by a print system constructed by a device, a client, and a server, wherein said program allows a computer to execute:

25 a first transfer step of transferring information obtained by combining device information of said device and ability information of a device driver for said device which is executed by said client to said server

from said device;

a second transfer step of transferring a retrieval condition for selecting said device to said server from said client;

5 a retrieval step of retrieving the device by comparing the information obtained by combining the device information of said device and the ability information of the device driver for said device which is executed by said client with the retrieval condition
10 which is received from said client and used for selecting said device; and

a third transfer step of transferring a retrieval result by said retrieval step to said client from said server.

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60. An information processing program which is executed by a print system constructed by a device, a client, and a server, wherein said program allows a computer to execute:

20 a first transfer step of transferring device information of said device to said server from said device;

a second transfer step of transferring a retrieval condition for selecting said device to said server from
25 said client;

a retrieval step of retrieving the device by comparing information obtained by combining the device

information which is transferred by said first transfer step and ability information of a device driver for said device which is executed by said client with the retrieval condition which is received from said client
5 and used for selecting said device; and

a third transfer step of transferring a retrieval result by said retrieval step to said client from said server.

10 61. A computer-readable memory medium which stores an information processing program that is executed by a server which can communicate with a client and a device, wherein said information processing program allows a computer to execute:

15 a retrieval step of retrieving the device by comparing information obtained by combining device information of said device and ability information of a device driver for said device which is executed by said client with a retrieval condition which is received
20 from said client and used for selecting said device; and

a notifying step of notifying said client of a retrieval result by said retrieval step.

25 62. A medium according to claim 61, wherein said program allows the computer to execute:

a receiving step of receiving, from said device,

the information obtained by combining the device information of said device and the ability information of the device driver for said device which is executed by said client; and

- 5 a registering step of registering the information received by said receiving step into a storage.

63. A medium according to claim 61, wherein said program allows the computer to execute:

- 10 a receiving step of receiving the device information of said device from said device;
- a first registering step of registering the device information received by said receiving step into a first storage; and
- 15 a second registering step of registering the ability information of said device driver into a second storage.

64. A medium according to claim 63, wherein the device information stored in said first storage and the ability information stored in said second storage are combined.

65. A medium according to claim 61, wherein said program allows the computer to execute a registering step of registering the information obtained by combining the device information of said device and the

ability information of the device driver for said device which is executed by said client into a storage.

66. A medium according to claim 61, wherein
5 said retrieval condition includes a plurality of conditions,

in said retrieval step, the information obtained by combining the device information of said device and the ability information of the device driver for said
10 device which is executed by said client is compared with each of said conditions, and

in said notifying step, said client is notified of an adaptivity based on the number of adapted conditions among said plurality of conditions included in said
15 retrieval condition.

67. A medium according to claim 61, wherein said device information is information regarding one of a duplex print, an N-up print, a jobcopy, a pagecopy, an
20 OHP insertion print, a resolution, the number of print pages, a paper size, and a status of said device.

68. A medium according to claim 61, wherein the comparison by said retrieval step is executed with
25 respect to a plurality of devices.

69. A computer-readable memory medium which stores

an information processing program that is executed by a client which can communicate with a server, wherein said information processing program allows a computer to execute:

5 a transmitting step of transmitting a retrieval condition for selecting a device to said server;

 a receiving step of receiving, from said server, a retrieval result obtained by retrieving the device by comparing information obtained by combining device
10 information of said device and ability information of a device driver for said device which is executed by said client with the retrieval condition which is received from said client and used for selecting said device;
 and

15 a display control step of allowing a comparison result received by said receiving step to be displayed by a display.

70. A medium according to claim 69, wherein said
20 program allows the computer to execute an input step of inputting a retrieval item and a value which is designated by said retrieval item.

71. A medium according to claim 69, wherein a
25 plurality of retrieval items can be inputted.

72. A medium according to claim 69, wherein

in said receiving step, an adaptivity based on the number of adapted conditions among a plurality of conditions included in said retrieval condition is received, and

5 in said display control step, said adaptivity is displayed by said display.

73. A medium according to claim 70, wherein said
10 retrieval item relates to one of a duplex print, an N-up print, a jobcopy, a pagecopy, an OHP insertion print, a resolution, the number of print pages, and a paper size.